

What is claimed is:

1. A sports ball comprising: an inflatable tube; a covering layer which comprising a very thin rubber pouch and covering around said tube; a reinforced layer which is formed on the surface of the covering layer; and an outer layer which is formed on the surface of said reinforced layer; wherein, a inorganic lubricant is located between said tube and said covering layer, and said tube is spaced from said covering layer.
2. The sports ball of claim 1, wherein said covering layer covers around said tube is made of a material which does not permit a solution of an adhesive agent (such as an aqueous solution of latex or a solution of an adhesive agent which contains rubber to pass through said covering layer.
3. The sports ball of claim 2, wherein said reinforced layer is formed by attaching cloth pieces on the surface of said covering layer and fixing said cloth pieces on the surface of said covering layer, with the solution of said adhesive agent.
4. The sports ball of claim 2, wherein said reinforced layer is formed by winding yarns around the surface of said covering layer and fixing said yarns on said surface with the solution of said adhesive agent.
5. A production method of a sports ball comprising the steps of: inserting an inflatable tube into a covering layer which comprising a very thin rubber pouch; injecting a powder of an inorganic lubricant into said covering layer; inflating said inflatable tube; forming a reinforced layer on a surface of said covering layer; forming alignment guides on a surface of said reinforced layer by molding; and attaching an outer layer on the surface of said reinforced layer along said alignment guides.
6. A production method of a sports ball comprising the steps of:

spreading a powder or a suspension of an inorganic lubricant on an inflatable tube; inserting said tube into a covering layer which consists of a very thin rubber pouch; inflating said inflatable tube; forming a reinforced layer on a surface of said covering layer; forming alignment guides on a surface of said reinforced layer by molding; and attaching an outer layer on the surface of said reinforced layer along said alignment guides.

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7. A production method of a sports ball of claim 5 or 6, wherein said covering layer is made of a material which does not permit a solution of an adhesive agent such as an aqueous solution of latex or a solution of an adhesive agent which contains rubber to pass through said covering layer.

8. A production method of a sports ball of claim 7, wherein said reinforced layer is formed by attachment of cloth pieces on the surface of said covering layer and fixing said cloth pieces on the surface with the solution of said adhesive agent.

9. A production method of a sports ball of claim 7, wherein said reinforced layer is formed by winding yarns around the surface of said covering layer and fixing said yarns on said surface with the solution of said adhesive agent.

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